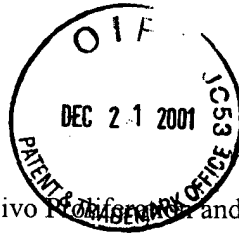


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01-03-02
Attorney Docket No.: 17810-705 DIV 11 CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Weiss et al.
SERIAL NUMBER : 09/925,911
FILING DATE : August 9, 2001
FOR : In Vitro and In Vivo Promotion and Use of Multipotent Neural Stem Cells and Their Progeny



EXAMINER : Not Yet Assigned

ART UNIT : 1647

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Washington, D.C. 20231



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TRANSMITTAL LETTER

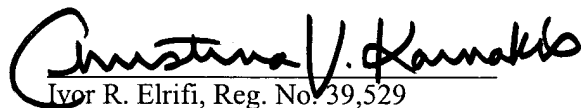
Transmitted herewith for filing in the present application are the following documents:

1. Information Disclosure Statement (2 pages), in duplicate;
2. Modified Form 1449/PTO (4 pages), in duplicate;
3. Copies of cited references B7-B9 and C24-106; and
4. Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 542-6000, Boston, Massachusetts.

The Commissioner is authorized to charge any additional fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311 Ref. No.: 17810-705 DIV 11 CON. A duplicate copy of this transmittal letter is enclosed herewith.

Respectfully submitted,



Ivor R. Elrifi, Reg. No. 39,529
Christina V. Karnakis, Reg. No. 45,899
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Dated: December 21, 2001

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Date of Deposit: December 21, 2001

Attorney Docket No.: 17810-705 DIV 11 CON

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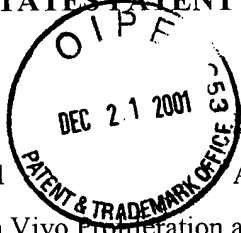
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Weiss et al.

SERIAL NUMBER: 09/925,911

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INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449, as well as copies of the listed documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Accordingly, no fee or certification is believed required.

It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed modified form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

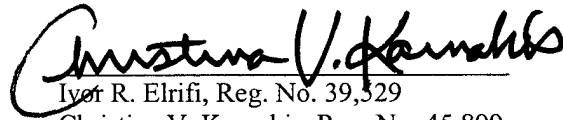
By submitting this Information Disclosure Statement, the Applicants make no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

APPLICANTS: Weiss et al
U.S.S.N.: 09/925,911

Notwithstanding any statements by the Applicants, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 17810-705 DIV 11 CON.

Respectfully submitted,



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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	09/925,911
	Filing Date	08/09/01
	First Named Inventor	Weiss
	Group Art Unit	1647
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	17810-705 DIV 11 CON

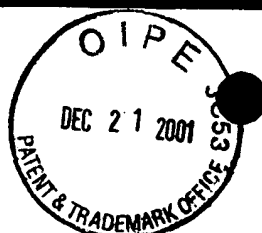
U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1*	US 4,753,635	06/28/88	Sagen et al.			
	A2*	US 4,980,174	12/25/90	Sagen et al.			
	A3*	US 5,082,670	01/21/92	Gage			
	A4*	US 5,175,103	12/29/92	Lee et al.			
	A5*	US 5,411,883	05/02/95	Boss et al.			
	A6*	US 5,612,211	03/18/97	Wilson et al.			

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Exam Initials	Cite No.	Foreign Patent Document Office	Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	No
	B1*	EP	0 233 838		08/26/87		
	B2*	WO	89/03872		05/05/89		
	B3*	WO	90/06757		06/28/90		
	B4*	WO	93/01275		01/21/93		
	B5*	WO	93/09802		05/27/93		
	B6*	WO	94/03199		02/17/94		
	B7	WO	91/02003	Board of Regents, University of Texas System	02/21/91		
	B8	WO	91/09936	Hana Biologics, Inc.	07/11/91		
	B9	WO	91/17242	The Johns Hopkins University	11/14/91		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1*	Cattaneo et al. (1990). <i>Nature</i> 347: 762-765.
	C2*	Rosenberg et al. (1988). <i>Science</i> 242: 1575-1578.
	C3*	Williams et al. (1986). <i>Proc. Natl. Acad. Sci USA</i> 83: 9231.
	C4*	Wolff et al. (1989). <i>Proc. Natl. Acad. Sci. USA</i> 86: 9011-9014.
	C5*	Nurcombe et al. (1993). <i>Science</i> 260: 103-106.
	C6*	Brickman et al. (1995). <i>J. Biol. Chem.</i> 270: 24941-24948.
	C7*	Blakemore et al. (1988). <i>Developmental Neurosci.</i> 10: 1-11.

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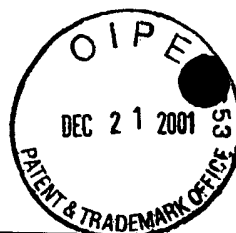
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Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	C8*	Pezzoli et al. (1991).	<i>Movement Disorders</i> 6: 281-287.		
	C9*	Stenevi et al. (1974).	<i>Brain Research</i> 69: 217-234.		
	C10*	Palella et al. (1989).	<i>Gene</i> 80: 137-144.		
	C11*	Olson (1990).	<i>Stereotact. Funct. Neurosurg.</i> 54-55: 250-167.		
	C12*	Jackowski (1995).	<i>British J. of Neurosurgery</i> 9: 303-317.		
	C13*	Lubetzki et al. (1990).	<i>Ann. New York Acad. Sci.</i> 605: 66-70.		
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	C16*	Orkin et al. "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene."	pp. 1-40, Dec. 7, 1995.		
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	C18*	Zecchinelli et al. (1990).	<i>Soc. for Neurosci. Abstr.</i> : Abstract No. 413.17.		
	C19*	Lo et al. (1991).	<i>Devel. Biol.</i> 145: 139-153.		
	C20*	Kamholz et al. (1986).	<i>Proc. Natl. Acad. Sci. USA</i> 83: 4962-4966.		
	C21*	Kumar et al. (1992).	<i>Biochem. Biophys. Res. Comm.</i> 185: 1155-1161.		
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	C24	Almazan et al. (1985).	<i>Developmental Brain Research</i> 21: 257-264.		
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	C44	Freshney, (1987).	"Culture of Animal Cells-A Manual of Basic Technique". 2 nd ed. Alan R. Liss, Inc., N.Y. pp 190-195.		
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	C47	Gensburger et al. (1987).	<i>FEBS Letters</i> 217: 1-5.		

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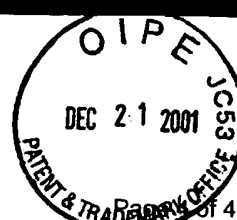
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Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	C48	Godfraind et al. (1989).	<i>J. of Cell Biol.</i> 109: 2405-2416.		
	C49	Groves et al. (1993).	<i>Nature</i> 362: 453-455.		
	C50	Hall and Watt (1989).	<i>Development</i> 106: 619-633.		
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	C52	Hunter and Bottenstein (1990).	<i>Developmental Brain Research</i> 54: 235-248.		
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	C67	Morrison et al. (1987).	<i>Science</i> 238: 72-75.		
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	C82	Reh and Kljavin (1989).	<i>The J. of Neurosci.</i> 9: 4179-4189.		
	C83	Renfranz et al. (1991).	<i>Cell</i> 66: 713-729.		
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Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	C91	Sensenbrenner et al. (1994). <i>Reviews in the Neurosci.</i> 5: 43-53.			
	C92	Smart (1961). <i>J. Comp. Neurol.</i> 116: 325-338.			
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	C94	Saneto and DeVellis (1987). <i>Neurochemistry: A Practical Approach</i> , Chapter 2 pp 27-63, IRL Press LTD. Oxford, England.			
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	C96	Temple (1989). <i>Nature</i> 340: 471-473.			
	C97	Travis (1993). <i>Science</i> 259: 1829.			
	C98	van der Maazen et al. (1991). <i>Radiother. and Oncol.</i> 20: 258-264.			
	C99	Vescovi et al. (1993). <i>Soc. for Neurosci. Abstr.</i> 19: Abstract No. 360.12.			
	C100	Walsh and Cepko (1988). <i>Science</i> 241: 1342-1345.			
	C101	Watts et al. (1989). <i>Neurology</i> 39(Supp. 1): Abstract No. PP72.			
	C102	Weiss et al. (1986). <i>Proc. Natl. Acad. Sci. USA</i> 83: 2238-2242.			
	C103	Williams (1991). <i>Cell</i> 65: 1097-1098.			
	C104	Widner et al. (1992). <i>New Eng. J. Med.</i> 327: 1556-1563.			
	C105	Wolswijk and Noble (1989). <i>Development</i> 105: 387-400.			
	C106	Yamada et al. (1982). <i>Cold Spring Harbor Conf. On Cell Prolif.</i> 9: 131-143.			

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 08/484,203, filed June 7, 1995, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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